

✉ alexcui1@yahoo.com 🌐 alex-cui.com in alex-cui 🔗 alex-cui

EXPERIENCE

SmartBot360, *Research Assistant*, Riverside, CA

Feb. 2019 - Current

- Redesigned and reorganized some pages in the company's dashboard.
- Applied Angular to add features that improve the UI/UX design of the webpage.
- Created chat bots using an existing application that were deployed and demoed to the company's clients.

SKILLS

LANGUAGES: C++, Python, HTML, CSS, Javascript, TypeScript, Angular

TOOLS: Git, Bootstrap, Linux, LaTeX

PROJECTS

Piano Tiles

Feb. 2019 - Mar. 2019

- Created a simplified version of the game "Piano Tiles" on a breadboard.
- Features sound effects, a score keeper, and the option to restart.
- Utilized Atmel Studio 7 and an ATmega1284 to program the game, along with various breadboard components.

RedditBot

Nov. 2018 - Nov. 2018

- Implemented a bot that utilizes the API to send meme responses to users based on their comment's contents.
- Oversaw a team and the project's success.
- Introduced new ideas on how to develop the project while fixing compile-time errors.

RShell

Nov. 2018 - Dec. 2018

- Replicated Bash commands using C++ and Linux system calls.
- Led the team and ensured the project was working as intended.
- Designed the entire framework and implemented a vast majority of the project.

Genius Searcher

Aug. 2019 - Aug. 2019

- Created a Google Chrome extension that would make it easier to get Genius.com search results.
- Can either highlight some text or click the extension icon and type to get your results.
- Inspired by the numerous amount of times I personally look up musical artists and song lyrics.

ACTIVITIES

Organization, ACM

Apr. 2018 - Current

Active member and currently receiving guidance in the mentorship program.

Hackathon, *Cutie Hack*

Nov. 2018

Worked with a team and demoed RedditBot to a panel of judges.

EDUCATION

University of California Riverside

B.S. Computer Science 2021